

# Curriculum Vitae et Studiorum

## Marco Guerrazzi

Date of birth: April 6th, 1974

Place of birth: Pontedera (Pisa), Italy

Citizenship: Italian

## Office address

Department of Economics – DIEC via F. Vivaldi, n. 5 16126 Genoa (GE) – Italy Phone +39-010-2095702 Fax +39-010-2095269

E-mail: guerrazzi@economia.unige.it

**Research interests:** Macroeconomics, Labour Economics, Economic Dynamics, Administrative Data.

## **Current** position

December 2019 – present. Professor of Economic Policy (SECS P02). Department of Economics – DIEC, University of Genoa (Italy).

## Previous appointments

August 2012 –	Assistant Professor in Economics (SECS P01),
November 2019	Department of Economics – DIEC, University of Genoa (Italy).
May 2011 - July 2012	Research Fellow, Department of Economics and
	Management, Faculty of Political Sciences, University
	of Pisa (Italy).
	Title of the Research: Efficiency of Markets,
	Economic Development, Innovation (translated).
November 2011 –	Research Fellow, ISTAT, Department of Statistics
December 2012	Production and Technical-Scientific Coordinating
December 2012	Committee, Rome (Italy).
	Title of the Research: INDACO-CVTS.

May - November 2010 Research Fellow, Department of Economics, Faculty

> of Political Sciences, University of Pisa (Italy). Title of the Research: Real and nominal rigidities

and the functioning of the economic system

(translated).

London School of Economics (London, UK) and the January - July 2007 Open University (Milton Keynes, Walton Hall, UK).

Visiting Research Fellow.

March 2007 - February

2010

Research Fellow, Department of Economics, Faculty of Political Sciences, University of Pisa (Italy).

Title of the Research: Real and nominal rigidities

and the functioning of the economic system

(translated).

September 2005 –

February 2007

Research Fellow, Department of Economics, Faculty

of Economics, University of Pisa (Italy).

Title of the Research: Labour force incentive in the presence of real and nominal rigidities. Theoretical and empirical analysis with a reference to local patterns

(translated).

#### **Education**

October 2006 Scuola Superiore Sant'Anna (Pisa, Italy).

> Course on Non-Parametric Time Series Analysis held by Prof. Cees Diks, CeNDEF, University of Amsterdam.

January 2002 -February 2006

University of Pisa (Italy) - Ph.D in Economics.

Supervisor: Prof. Carlo Casarosa.

Thesis: Three Essays on Labour Market Dynamic

Aspects: Theoretical and Empirical Perspectives.

March - May 2005

**Mathematics** Department of

(Florence, Italy)

Course on Elements of Dynamic Programming held by

Prof. Andrey Sarichev.

Course on Optimal Control held by Prof. Luigi Zezza.

2003

September 2002 - April European University Institute (Florence, Italy).

Course on The Problem of Causality in the Analysis of Educational Choices and Labor Market Outcomes held by Prof. Andrea Ichino.

Course on Employment and Labor Market Institutions

held by Prof. Giuseppe Bertola.

November 1993 -

March 2001

Laurea degree in Economics, University of Pisa (Italy).

Supervisor: Prof. Carlo Casarosa.

Thesis: The Insider-Outsider Theory and the Problem of

*Unemployment* (translated).

September 1988 – July

1993

Italian School Certificate: Diploma di Ragioniere Commerciale e Programmatore, Istituto Perito Tecnico Commerciale Antonio Pesenti, Cascina, Pisa

(Italy).

### Conferences, workshops and seminars

University of Pisa (Italy) - Department of Economics and February 2020 Management. Seminar of the Department of Economics and Management. **Paper:** The Dynamics of Working Hours and Wages Under Implicit Contracts. October 2019 University of Palermo (Italy) - Department of Economics. 60<sup>th</sup> Meeting of the Italian Economic Association. **Paper:** The Dynamics of Working Hours and Wages Under Implicit Contracts. July 2019 University of Waikato, Hamilton (NZL) - Department of Economics. Department Seminar. Paper: The Dynamics of Working Hours and Wages Under Implicit Contracts. University of Marche (Italy) - Department of Economics September 2018 and Social Sciences. 33rd National Conference of Labour Economics. **Paper:** Measuring Unemployment by Means of Official Data and Administrative Records: Empirical and Theoretical Perspectives. University of Pisa (Italy) - Department of Economics and February 2017 Management. Seminar of the Department of Economics and Management. Paper: Wage and Employment Determination in a Dynamic Insider-Outsider Model. September 2016 Trento (Italy) University, Department of Sociology 31st National Conference of Labour Economics. **Paper:** Efficiency-Wage Competition and Nonlinear Dynamics. June 2016 Urbino (Italy) University, Department of Economics, **Society and Politics** 9th Workshop on Dynamic Models in Economics and Finance. **Paper:** Efficiency-Wage Competition and Nonlinear Dynamics. October 2015 Parthenope University of Naples (Italy), Department of **Business and Economic Studies** 56<sup>th</sup> Meeting of the Italian Economic Association. Paper: The Effect of Vocational Training on Italian Firms Productivity: Evidence from INDACO-CVTS. Cagliari (Italy) University, Department of Economic and September 2015 **Business Sciences** 30th National Conference of Labour Economics. Paper: The Effect of Vocational Training on Italian Firms Productivity: Evidence from INDACO-CVTS. May 2015 RCEA Money and Finance Workshop - Rimini (Italy) **Conference Centre** The Great Recession: Moving Ahead Paper: Animal Spirits, Investment and Unemployment: An Old

Keynesian View of the Great Recession.

University of Genoa (Italy) - Department of Economics.

May 2015

Applied Economics and Quantitative Method PhD Seminar. Paper: Animal Spirits, Investment and Unemployment: An Old Keynesian View of the Great Recession. University of Pisa (Italy) - Department of Economics and March 2015 Management. Seminar of the Department of Economics and Management. Paper: Animal Spirits, Investment and Unemployment: An Old Keynesian View of the Great Recession. University of Marche (Italy) - Department of Economics February 2015 and Social Sciences. Department Seminar. Paper: The Cyclical Behaviour of Equilibrium Unemployment and Vacancies: Evidence from Italy. University of Trento (Italy) - Department of Economics. October 2014 55<sup>th</sup> Meeting of the Italian Economic Association. Paper: Animal Spirits, Investment and Unemployment: An Old Keynesian View of the Great Recession. University of Pisa (Italy) - Department of Economics and September 2014 Management. 29th National Conference of Labour Economics. **Paper:** Animal Spirits, Investment and Unemployment: An Old Keynesian View of the Great Recession. May 2014 University of Genoa (Italy) - Department of Economics. Applied Economics and Quantitative Method PhD Seminar. Paper: The Cyclical Behaviour of Equilibrium Unemployment and Vacancies: Evidence from Italy. April 2014 University of Pisa (Italy) - Department of Economics and Management. Seminar of the Department of Economics and Management. **Paper:** The Cyclical Behaviour of Equilibrium Unemployment and Vacancies: Evidence from Italy. September 2013 Central Bank of Norway - Oslo (Norway). International conference on The Role of Monetary Policy Revisited. May 2013 University of Pisa (Italy) - Department of Economics and Management. Seminar of the Department of Economics and Management. Unemployment and Paper: Involuntary Efficiency-Wage Competition. January 2013 University of Genoa (Italy) - Department of Economics. Applied Economics and Quantitative Method PhD Seminar. Unemployment Paper: Involuntary and Efficiency-Wage Competition. October 2012 Province of Leghorn (Italy). Presentation of the book Labour and Employment in Time of Crisis: Evidence from the Province of Leghorn.

September 2012 II Università di Napoli, Santa Maria Capua Vetere – Caserta (Italy).

27th National Conference of Labour Economics.

Chairman of the Session on Macroeconomics.

**Paper:** Involuntary Unemployment and Efficiency-Wage Competition.

September 2011 Università Cattolica del Sacro Cuore, Milan (Italy).

26th National Conference of Labour Economics.

**Paper:** A DSGE Model from the Old Keynesian Economics: An Empirical Investigation.

March 2011 University of Pisa (Italy) – Department of Mathematics.

Why Nobel?

**Paper:** Why Peter A. Diamond, Dale T. Mortensen and Christopher A. Pissarides did win the 2010 Nobel Prize in Economics?

January 2011 University of Pisa (Italy) – Faculty of Economics.

4<sup>th</sup> Italian Congress of Econometrics and Empirical Economics. **Paper:** *A DSGE Model from the Old Keynesian Economics: An Empirical Investigation.* 

September 2010 University of Chieti-Pescara (Italy), Faculty of Economics.

25<sup>th</sup> National Conference of Labour Economics.

Chairman of the Session on Growth and Chaos.

**Paper:** How to Reduce Unemployment: Notes on Macro-Economic Stability and Dynamics.

September 2010 University of Pisa (Italy), Faculty of Economics.

Lunch Seminars Series, Faculty of Economics.

**Paper:** How to Reduce Unemployment: Notes on Macro-Economic Stability and Dynamics.

May - June 2010 University of Trento (Italy), Faculty of Sociology

7<sup>th</sup> STOREP Conference, *The Shifting Boundaries Between Public and Private Economics*.

**Paper:** Expectations, Employment and Prices: A Suggested Interpretation of the New 'Farmerian' Economics.

September 2009 University of Sassari (Italy), Faculty of Economics.

24th National Conference of Labour Economics.

**Paper:** Stochastic Dynamics and Matching in the Old Keynesian Economics: A Rationale for the Shimer Puzzle.

September 2009 University of Pisa (Italy), Faculty of Economics.

Lunch Seminars Series - Faculty of Economics.

**Paper:** Stochastic Dynamics and Matching in the Old Keynesian Economics: A Rationale for the Shimer Puzzle.

July – August **University of Singapore.** 

2009

4th Annual Workshop on Macroeconomic Dynamics.

**Paper:** Stochastic Dynamics and Matching in the Old Keynesian

Economics: A Rationale for the Shimer Puzzle.

June 2009 University of Florence (Italy), Faculty of Economics.

6th STOREP Conference, Financial Crises in the Economists'

View.

**Paper:** Explaining Unemployment: From Wage Rigidities to Labour Market Rigidities. A Turning Point in Macroeconomic

Modelling?

March 2009 University of Trento (Italy), Faculty of Economics.

CIFREM Tutorial Workshop in Nonlinear Dynamics in Economic

Modelling

Celebrating the Contributions of Women to Dynamical

Systems Theory.

November 2008 University of Roma Tre (Italy), Department of Economics.

20th EAEPE Conference, Labour, Institutions and Growth in a

Global Knowledge Based Economy.

Paper: Wage Bargaining in an Optimal Control Framework: A

Dynamic Version of the Right-to-Manage Model.

September 2008 University of Brescia (Italy), Faculty of Economics.

23th National Conference of Labour Economics.

**Paper:** The Animal Spirits Hypothesis and the Benhabib-Farmer

Condition for Indeterminacy.

September 2008 University of Pisa (Italy), Faculty of Economics.

Lunch Seminar.

**Paper:** The Animal Spirits Hypothesis and the Benhabib-Farmer

Condition for Indeterminacy.

July 2008 University of Melbourne (Australia).

3<sup>rd</sup> Annual Workshop on Macroeconomic Dynamics.

Paper: Wage Bargaining in an Optimal Control Framework: A

Dynamic Version of the Right-to-Manage Model.

April 2008 Institutions Market and Technologies (IMT), Lucca (Italy).

Research Seminar.

Paper: Wage Bargaining in an Optimal Control Framework: A

Dynamic Version of the Right-to-Manage Model.

January 2008 University of Pisa (Italy), Faculty of Economics.

Seminar of the Department of Economics.

Paper: Wage Bargaining in an Optimal Control Framework: A

Dynamic Version of the Right-to-Manage Model.

September 2007 Parthenope University of Naples (Italy).

22<sup>th</sup> National Conference of Labour Economics.

Paper: Wage Bargaining in an Optimal Control Framework: A

Dynamic Version of the Right-to-Manage Model.

September 2007 University of Pisa (Italy), Faculty of Economics.

Lunch Seminar.

Paper: Wage Bargaining in an Optimal Control Framework: A

Dynamic Version of the Right-to-Manage Model.

April 2007 Open University - Milton Keynes, Walton Hall (UK).

IKD Seminar.

**Paper:** The Transition from Temporary to Permanent

Employment: Evidence from Tuscany.

December 2006 University of Pisa (Italy), Faculty of Economics.

Seminar of the Department of Economics.

**Paper:** Nominal Wage Indexation, Quasi-Equilibria and Real Wage Dynamics.

waye Dynamics.

September 2006 University of Udine (Italy), Faculty of Economics.

21st National Conference of Labour Economics.

**Paper**: Nominal Wage Indexation and Real Wage Dynamics.

September 2006 SIAF Campus - Volterra, Pisa (Italy).

4<sup>th</sup> Conference for PhD Students in Economics, Research in Economics: Reappraising Economics as an Empirically Disciplined Science.

Chairman of the session on Microeconomics.

June 2006 Università Parthenope – Naples (Italy).

XCII AEA International Conference, *Policies to Fight Unemployment*.

**Paper:** Nominal Wage Indexation and Real Wage Dynamics.

May 2006 Luiss Business School – Rome (Italy).

International Workshop on Spatial Econometrics and

Statistics.

Chairman of the Session on Labour Market Application.

**Paper:** The Transition from Temporary to Permanent

Employment: Evidence from Tuscany.

April 2006 University of Pisa (Italy), Faculty of Economics.

Lunch Seminar.

**Paper:** Nominal Wage Indexation and Real Wage Dynamics.

September 2005 University of Rome (Italy), La Sapienza, Faculty of

Economics.

20th National Conference of Labour Economics.

Paper: Endogenous Effort When Unemployment is a Worker

Discipline Device.

September 2005 University of Cassino (Italy), Faculty of Economics.

International Conference: The Keynesian Legacy in

Macroeconomic Modeling.

**Paper:** Perfectly Flexible Wages and Local Dynamics in an OLG

Model.

March 2005 University of Pisa (Italy), Faculty of Economics.

Seminar of the Department of Economics.

Paper: Temporary Work in Tuscany: a Multinomial Nested Logit

Analusis.

October 2004 University of Pisa (Italy), Faculty of Economics.

Young Researcher Seminar.

**Paper:** Intertemporal Preferences, Distributive Shares, and Local

Dunamics.

September 2003 University of Messina (Italy), Faculty of Economics.

18th National Conference of Labour Economics.

**Paper:** A Critical Approach to Modern Macroeconomic Theory:

The Hahn-Solow Model.

July 2003 University of Pisa (Italy), Faculty of Economics.

Young Researcher Seminar.

Paper: A Critical Approach to Modern Macroeconomic Theory:

The Hahn-Solow Model.

May 2003 University of Siena (Italy).

1st Conference for PhD Students in Economics, Research in

Economics: Methodology, Coherence, Effectiveness.

**Paper:** Searching for Long Run Equilibrium Relationships in the Italian Labour Market from 1970 to 1998: a Cointegrated VAR

Approach.

## Teaching experiences

2019 - present	<b>Department of Laws, University of Genoa (Italy).</b> Chair of a course on Economics.
2018 - present	Department of Economics – DIEC, University of Genoa (Italy).
	Chair of a course on Advanced Macroeconomics and Financial Markets.
2013 – 2016	Department of Economics and Management, University of Pisa (Italy).
2014 – 2018	Co-Chair of a course on Macroeconomics.  Department of Laws, University of Genoa (Italy).
	Chair of a course on Economics.
2014 – 2019	Department of Economics – DIEC, University of Genoa (Italy).
0010	Chair of a course on Macroeconomics.
2013 - present	Department of Economics - DIEC, University of Genoa (Italy).  PhD Programme in Economics and Political Economy, Chair of the Course on Unemployment and Labour Market Institutions.
March 2014	Department of Political Science, University of Pisa (Italy). Teaching assignment for the 2 <sup>nd</sup> Level Master Degree in Development of Human Resources. Title of the Lecture: The Effect of Vocational Training on Italian Firms' Productivity.
October 2013	Scuola Superiore Sant'Anna, University of Pisa (Italy).  PhD Programme in Economics, Chair of the course on Real Rigidities and Labour Market Institutions.
September – December 2012	Department of Economics - DIEC, University of Genoa (Italy).
- · · · <del>-</del>	Chair of a course in Microeconomics.
March – June 2011	Faculty of Economics, University of Pisa (Italy). Teaching Assistant for the course on Microeconomics held by Prof. Pier Mario Pacini.

March 2011 Institutions Market and Technologies (IMT), Lucca (Italy).

Teaching assignment for the PhD Course in *Economics*, *Market*, *Institutions*. Title of the course: *Macroeconomics II*.

February – March 2011 Department of Political and Social Sciences, University of Pisa (Italy).

Teaching assignment for the 2<sup>nd</sup> Level Master Degree in *Development of Human Resources*. Title of the course: *Economics of Human Resources: Contracts, Incentives and Internal Labour Market*.

January 2011 - E-Campus University (On line University).

May 2011

Tutor in Economics.

October 2009 - Department of Economics, University of Pisa (Italy).

October 2012 PhD Programme in Economics (joined with Scuola Superiore

Sant'Anna of Pisa), Chair of the course on Real Rigidities and

Labour Market Institutions.

September 2008 Faculty of Political Sciences, University of Pisa (Italy).

Preliminary course in *Economics*.

July 2007 University of Bath Spa (UK).

Residential School *Understanding Economic Behaviour:* Household, Firms and Markets. Tutor for the course on

Quantitative Data Analysis.

December 2006 - Faculty of Political Sciences, University of Pisa (Italy)

September 2012 Teaching Assistant for the course on Economics held by Prof.

Mario Morroni.

#### Summer and winter schools

June – July 2010 DYNARE Summer School, Citè Universitaire, Paris (France).

Director: Prof. Michel Juillard (Bank of France and CEPREMAP).

Courses held by Prof. Michel Juillard (Bank of France and CEPREMAP) and Roger E.A. Farmer (University of California,

Los Angeles).

July 2008 ARC EDN Winter School - University of Melbourne

(Australia).

Director: Prof. Ian King (University of Melbourne).

Course on *Money* held by Prof. Randall Wright (University of

Pennsylvania).

Course on *Pricing* held by Prof. R. Preston McAfee (California

Technology Institute).

June 2006 CIdE Summer School on Econometrics – Bertinoro (Italy).

Director: Prof. Carlo Bianchi (University of Pisa).

Course on *Bayesian Econometrics* held by Prof. Tony Lancaster (Brown University) and Gary Koop (University of Leicester).

Course on *Quantitative Models in Marketing Research* held by Prof. Philip Hans Franses (Erasmus University Rotterdam). Course on *Topics in Panel Data Econometrics* held by Prof.

Jeffrey M. Wooldridge (Michigan State University).

June 2005 CIdE Summer School on Econometrics - Bertinoro (Italy).

Director: Prof. Carlo Bianchi (University of Pisa).

Course on Economics of Inequality held by Prof. Anthony Atkinson (Nuffield College, University of Oxford) and Prof.

Stephen Jenkins (ISIER, University of Essex).

CIdE Summer School on Econometrics - Bertinoro (Italy). June 2002

Director: Prof. Carlo Bianchi (University of Pisa).

Course on Cointegrated VAR Modeling: Econometric Theory and Macroeconomic Applications held by Prof. Katarina Juselius (University of Copenhagen).

Course on Recent Issues in Time Series Modeling held by Prof. Kenneth West (University of Wisconsin).

## Awards and scholarships

January 2014 Member of the organizing committee of the 29th National

Conference on Labour Economics, September 11-12, Pisa (Italy).

December 2013 Director of the academic research project of the University of

Genoa (Italy) titled Interaction Between Labour Market

Functioning and Firm Dynamics (1st classified).

May 2013 Teaching assignment for a course in Macroeconomics,

Department of Economics and Management, University of Pisa

(public competition – 1st classified).

September 2012 Member of the committee for the endowment of the 'Tarantelli'

Prize awarded to the best paper presented during the 28th

National Conference of Labour Economics.

Winner of an Assistant Professor permanent position in July 2012

Political Economy, Department of Economics, University of

Genoa (public competition – 1st classified).

September 2011 Winner of three positions of Teaching Assistant for the courses

> in Microeconomics, Advanced Microeconomics and Advanced Macroeconomics at the Faculty of Economics, University of

Pisa (turned down for contractual incompatibility).

July 2011 Winner of the Scholarship 'Current Account Imbalances and

> Structural Adjustments in the Euro Area: A Policy Perspective' offered by the Tor Vergata Foundation of Rome, Italy (turned

down).

National Bureau of Statistics (ISTAT), winner of the public June 2011

selection for a researcher position, title of the project: INDACO-

CVTS.

March 2011 2-year full-time Research Fellowship, Department of

> Economics, University of Pisa (public competition -1st

classified).

March 2011 Teaching assignment for a course in Microeconomics, Faculty

of Economics, University of Pisa (public competition - 1st

classified).

September 2010 Member of the committee for the endowment of the 'Tarantelli'

Prize awarded to the best paper presented during the 25th

National Conference of Labour Economics.

February 2010	Research Fellowship, Department of Economics, University of Pisa (public competition – 1 <sup>st</sup> classified).
July 2008	ARC EDN Scholarship for Melbourne University Winter School (public competition).
July 2007	Winner of the public competition for a tutor position at the Residential School <i>Understanding Economic Behaviour:</i> Household, Firms and Markets, University of Bath Spa (UK).
January 2007	3-year full-time Research Fellowship, Department of Economics, University of Pisa (public competition – 1 <sup>st</sup> classified).
June 2006	CiDE Scholarship for Bertinoro's Summer School in Econometrics (public competition).
October 2005	2-year full-time Research Fellowship, Department of Economics, University of Pisa (public competition – 1 <sup>st</sup> classified).
June 2005	CiDE Scholarship for Bertinoro's Summer School in Econometrics (public competition).
June 2002	CiDE Scholarship for Bertinoro's Summer School in Econometrics (public competition).
January 2002	3-years full-time scholarship for the Ph.D. in Economics at the University of Pisa (public competition – 1st classified).

#### Skills

Foreign Languages English (good). Programming Languages MATLAB.

Software Give Win, Microsoft Office, Scientific Workplace,

Stata, Maple, Mathematica, R, EFCHAOS, DYNARE.

## Articles on journals with peer review

- [1] Marco Guerrazzi (2020), Efficiency-Wage Competition: What Happens as the Number of Players Increases?, *Italian Economic Journal* (ISSN: 2199-322X), Vol. 6, No. 1, pp. 13-35.
- [2] Marco Guerrazzi (2020), Wage and Employment Determination in a Dynamic Insider-Outsider Model, *Evolutionary and Institutional Economics Review* (ISSN: 1349-4961), Vol. 17, No. 1, pp. 1-23.
- [3] Marco Guerrazzi and Ilham Ksebi (2020), Measuring Unemployment by Means of Official Data and Administrative Records, forthcoming in *Quaderni di Economia del Lavoro Labour Economics Papers* (ISSN: 0390-105X).
- [4] Marco Guerrazzi and Mauro Sodini (2018), Efficiency Wages and Chaotic Dynamics, Communications in Nonlinear Science and Numerical Simulation (ISSN: 1007-5704), Vol. 58, pp. 62-77.
- [5] Gabriele Cardullo and Marco Guerrazzi (2016), The Cyclical Volatility of Equilibrium Unemployment and Vacancies, *Labour: the Review of Labour Economics and Industrial Relations* (ISSN: 1121-7081), Vol. 30, No. 4, pp. 433-454.

- [6] Marco Guerrazzi (2016), Increasing Returns in Matching and Labour Market Dynamics: Comments on Indeterminacy and Search Theory, *International Journal of Business & Economics* (ISSN: 1607-0704), Vol. 15, No. 1, pp. 85-88.
- [7] Marco Guerrazzi (2016), The Effect of Training on Italian Firms' Productivity: Microeconomic and Macroeconomic Perspectives, *International Journal of Training and Development* (ISSN: 1468-2419), Vol. 20, No. 1, pp. 38-57.
- [8] Marco Guerrazzi (2015), Animal Spirits, Investment and Unemployment: An Old Keynesian View of the Great Recession, *EconomiA* (ISSN: 1517-7580), Vol. 13, No. 3, pp. 343-358.
- [9] Marco Guerrazzi and Paolo Gelain (2015), A Demand-Driven Search Model with Self-Fulfilling Expectations: The New 'Farmerian' Framework under Scrutiny, *International Review of Applied Economics* (ISSN: 0269-2171), Vol. 29, No. 1, pp. 81-014.
- [10] Marco Guerrazzi (2014), Workforce Ageing and the Training Propensity of Italian Firms: Cross-Sectional Evidence from the INDACO Survey, *European Journal of Training and Development* (ISSN: 2046-9012), Vol. 38, No. 9, pp. 803-821.
- [11] Marco Guerrazzi (2013), Asymptotic Relations in Cournot's Quantity Game: Some International Trade Implications, *Economia Internazionale / International Economics* (ISSN: 0012-981x), Vol. 66, No. 1, pp.47-56.
- [12] Marco Guerrazzi (2012), Employment, Expectations and Prices: A Suggested Interpretation of the New 'Farmerian', *Politica Economica* (ISSN: 1120-9496), Vol. 28, No. 3, pp. 369-395.
- [13] Marco Guerrazzi (2012), The 'Farmerian' Approach to Ending a Finance-Induced Recession: Notes on Stability and Dynamics, *Economic Notes: Review of Banking, Finance and Monetary Economics* (ISSN: 1468-0300), Vol. 41, No. 1/2, pp. 81-99.
- [14] Marco Guerrazzi (2012), The Animal Spirits Hypothesis and the Benhabib-Farmer Condition for Indeterminacy, *Economic Modelling* (ISSN: 0264-9993), Vol. 29, No. 4, pp. 1489-1497.
- [15] Marco Guerrazzi and Nicola Meccheri (2012), From Wage Rigidities to Labour Market institutions Rigidities. A Turning Point in Explaining Unemployment?, *Journal of Socio-Economics* (ISSN: 1053-5357), Vol. 41, No. 2, pp. 189-197.
- [16] Marco Guerrazzi (2011), Search and Stochastic Dynamics in the Old Keynesian Economics: A Rationale for the Shimer Puzzle, *Metroeconomica: International Review of Economics* (ISSN: 0026-1386), Vol. 64, No. 4. pp. 561-586.
- [17] Marco Guerrazzi (2011), Wage Bargaining as an Optimal Control Problem: a Dynamic Version of the Right-to-Manage Model, *Optimal Control, Applications and Methods* (ISSN: 0143-2087), Vol. 32, No. 5, pp. 609-622.
- [18] Marco Guerrazzi (2010), Nominal Wage Indexation, Quasi-Equilibria and Real Wage Dynamics, *Bulletin of Economic Research* (ISSN: 0307-3378), Vol. 62, No. 3, pp. 279-294.
- [19] Marco Guerrazzi (2008), A Dynamic Efficiency Wage Model with Continuous Effort and Externalities, *Economic Issues* (ISSN: 1363-7029), Vol. 13, No. 2, pp. 37-58.

- [20] Marco Guerrazzi (2007), Local Dynamics Under Perfectly Flexible Wages, Economia Politica – The Journal of Analytical and Institutional Economics (ISSN: 1120-2890), Vol. 24, No. 2, pp. 265-288.
- [21] Lorenzo Corsini and Marco Guerrazzi (2007), The Transition From Temporary Employment to Permanent Employment: Evidence from Tuscany, *Labour: the Review of Labour Economics and Industrial Relations* (ISSN: 1121-7081), Vol. 21, No. 2, pp. 303-332.

### Book chapters with peer review

- [1] Marco Guerrazzi (2015), Public Goods (translated), in Balestrino, A., Galli, E., Spataro, L. (ed.s), Public Economics (translated, ISBN: 978-88-6008-450-7), UTET, Turin, pp. 73-93.
- [2] Marco Guerrazzi (2013), Involuntary Unemployment and Efficiency-Wage Competition, in Polacheck, S.W., Tatsiramos, K. (eds.), *Research in Labor Economics: New Analyses in Worker Well-Being* (ISSN: 0147 9121), Vol. 38, pp. 193-210.

#### Book reviews

- [1] Marco Guerrazzi (2019), Prosperity for All: An Assessment of the 'Farmerian' Remedies to Prevent Financial Crises and Reduce Unemployment, *Macroeconomic Dynamics* (ISSN: 1365-1005), Vol. 23, No. 3, pp. 1287-1293.
- [2] Marco Guerrazzi (2007), Tax Policy and Labor Market Performance, *Economic Issues* (ISSN: 1363-7029), Vol. 12, No. 2, pp. 116-118.

## Articles in other journals

- [1] Marco Guerrazzi (2012), Measuring Unemployment by Means of Official Data and Administrative Records: Empirical and Theoretical Perspectives (translated), in Osservatorio ISFOL (ISSN: 0394-7432), Vol. 2, No. 3, pp. 11-28.
- [2] Marco Guerrazzi (2010), The Labour Market in Tuscany: A Macroeconomic Outlook to Cyclical Fluctuations (*translated*), *Locus Rivista di Cultura del Territorio* (ISSN: 1827-7772), No. 14, pp. 83-86.

## Books with peer review

- [1] Marco Guerrazzi (2013), Three Essays on Labour Market Dynamics: Theoretical and Empirical Perspectives, (ISBN: 978-88-97752-32-5), Genova University Press, Genoa (Italy).
- [2] Marco Guerrazzi (2012), Labour and Employment in Time of Crisis: Evidence from the Province of Leghorn (translated; ISBN 978-86528132-1), Edizioni Il Campano, Pisa (Italy).

### Contributions in published research reports

- [1] Marco Guerrazzi (2016), The Effect of Vocational Training on Italian Firms' Productivity: Evidence from INDACO and CVTS (translated), Report on Continuous Vocational Training in Italy (2014-2015) (translated), Submitted by the Department of Labour and Social Policy, Parliamentary Proceedings of the 17th Term, Doc. XLII, No. 3, Senate Typography, Rome, pp. 130-133.
- [2] Marco Guerrazzi (2012), Employment and Unemployment in the Province of Pisa: a Comparison Among ISTAT Data and Provincial Employment Agencies' Records (translated), in The Labour Market in the Province of Pisa and the Activity of Provincial Employment Agencies Official Report 2011 (translated), ISBN 978-884673326-9, Provincia di Pisa, Edizioni ETS, pp. 7-46.
- [3] Irene Brunettti and Marco Guerrazzi (2012), Focus on Women (translated), in The Labour Market in the Province of Pisa and the Activity of Provincial Employment Agencies Official Report 2011 (translated), ISBN 978-884673326-9, Provincia di Pisa, Edizioni ETS, pp. 55-86.
- [4] Marco Guerrazzi (2011), The Labour Market in Tuscany and in the Province of Pisa: Micro- and Macro-Economic Evidences from the Italian Labour Market Survey and the Statistic Summary of Provincial Employment Agencies (translated), in *The Labour Market in the Province of Pisa and the Activity of Provincial Employment Agencies Official Report 2010 (translated)*, Provincia di Pisa, Pacini Editore, pp. 15-71.
- [5] Marco Guerrazzi (2010), Macroeconomic and Microeconomic Aspects of the Labour Market in Tuscany and in the Province of Pisa: Comments on the Italian Labour Market Survey and the Statistic Summary of Provincial Employment Agencies (translated), in *The Labour Market in the Province of Pisa and the Activity of Provincial Employment Agencies Official Report 2009 (translated)*, ISBN 978-884672675-9, Provincia di Pisa, Edizioni ETS, pp. 7-48.

## Electronic publications

- [1] Gabriele Cardullo e Marco Guerrazzi (2019), Legal Minimun Wage. A Tool for Increasing the Bargaining Power of Worker or to Restore Distributional Fairness? (translated) Liguria Business Journal, https://liguria.bizjournal.it
- [2] Marco Guerrazzi (2016), Vocational Training and the Productivity of Italian Firms (translated), Economia e Politica (ISSN: 2281-5260), http://www.economiaepolitica.it
- [3] Marco Guerrazzi (2011), Why Peter A. Diamond, Dale T. Mortensen and Christopher A. Pissarides did win the 2010 Nobel Prize in Economics (*translated*), http://nobel.unipi.it

## Working papers

- [1] Marco Guerrazzi (2020), Wage Bargaining as an Optimal Control Problem: a Dynamic Version of the Efficient Bargaining Model, *mimeo*.
- [2] Marco Guerrazzi and Pier Giuseppe Giribone (2020), Wage Bargaining and Labour Market Fluctuations, *mimeo*.

- [3] Marco Guerrazzi and Pier Giuseppe Giribone (2019), The Dynamics of Working Hours and Wages Under Implicit Contracts, *MPRA Paper*, No. 95978, under review in the *B.E. Journal of Theoretical Economics* (ISSN: 1935-1704).
- [4] Giulio Perani and Marco Guerrazzi (2012), The Statistical Measurement of Intangible Assets: Methodological Implications of the Results of the ISFOL 2011 Pilot Survey, *mimeo* (presented during the *2012 OECD Expert Meeting on the Measurement of Intangible Assets*, Paris, March 2012).
- [5] Paolo Gelain and Marco Guerrazzi (2010), A DSGE Model From the Old Keynesian Economics: An Empirical Investigation, *Centre for Dynamic Macroeconomic Analysis*, *Working Paper Series*, No. CDMA10/14 (Accepted to the 2012 Spring Meeting of Young Economists).
- [6] Lorenzo Corsini and Marco Guerrazzi (2004), Searching for Long Run Equilibrium Relationships in the Italian Labour Market: a Cointegrated VAR Approach, *Discussion Paper del Dipartimento di Scienze Economiche* (ISSN: 2039-1854) Università di Pisa, No. 43.

### Research projects participation

2014	PRA Grant, title of the project: The Phillips and the Beveridge
	Curves in Italy (translated). Director: Prof. Gabriele Cardullo
	(University of Genoa).
2013	PRA Grant, title of the project: Interaction between labour market
	functioning and firm dynamics (translated). Director: Dr. Marco
	Guerrazzi (University of Genoa).
2012	PRA Grant, title of the project: Propagation mechanisms of financial
	instability and their consequences on labour and credit markets
	(translated). Director Dr. Gabriele Cardullo (University of Genoa).
2008 - 2010	PRIN Grant, title of the project: Emerging Macroeconomic Properties
	in Multi-Agents Models: the Role of Industrial Dynamics and of the
	Financial Structure Evolution (translated). Director: Prof. Domenico
	Delli Gatti (Università Cattolica del Sacro Cuore, Milan, Italy).
2004 - 2006	PRIN Grant, title of the project: Financial Fragility and Technical
	Progress with Heterogeneous Agents and Social Interaction: Models,
	Simulation, Empirical Testing (translated). Director: Prof. Domenico
	Delli Gatti (Università Cattolica del Sacro Cuore, Milan, Italy).

### Academic activities

January 2013 – present.	Member of the board of the PhD Programme in
	Economics and Political Economy, Department of
	Economics, University of Ganoa (Italy).
October 2005 – March 2007	Ph.D. Student and Research Fellow Delegate,
	Department of Economics, University of Pisa (Italy).
January 2002 – December	Ph.D. Student Delegate, Department of Economics,
2004	University of Pisa (Italy).

### Referee

Metroeconomica\* (ISSN: 0026-1386); Economic Issues (ISSN: 1363-7029); Journal of Optimization Theory and Applications\* (ISSN: 0022-3239); Journal of Money, Credit, and Banking (ISSN: 0022-2879); Journal of Economic Dynamics & Control (ISSN: 0165-1889); Bulletin of Economic Research\* (ISSN: 0307-3378); Economics Bulletin\* (ISSN: 1545-2921); Economic Modelling\* (ISSN: 0264-9993); Journal of Stock & Forex Trading (ISSN: 2168-9458); Southeast Asian Interdisciplinary Research Journal (ISSN: 2244-2456); Journal of Defence Management (ISSN: 2167-0374); EconomiA (ISSN: 1517-7580); International Journal of Business & Economics (ISSN: 1607-0704); European Journal of Training and Development International Economic (ISSN: 2046-9012): Journal (ISSN: 1016-8737): Macroeconomic Dynamics\* (ISSN: 1365-1005); WikipediA (www.wikipedia.org); Communications in Nonlinear Science and Numerical Simulation (ISSN: 1007-5704); Journal of Economics (ISSN: 0931-8658); Eastern European Economics (ISSN: 0012-8775); Economics of Innovation & New Technology (ISSN: 1476-8364); Economia Politica (ISSN: 1120-2890); International Journal of Training and Development (ISSN: 1468-2419); International Journal of Manpower (ISSN: 0143-7720); Advances in Systems Science and Applications (ISSN: 1078-6236). (\* more than one time)

### Other affiliations

January 2014 – present. Member of the Italian Economic Association (SIE).

January 2011 – present. Member of the Institute for the Economic Programming of Tuscany (IRPET).

January 2004 – present. Member of the Italian Association of Labour Economists (AIEL).

## Academic references

Prof. Luca Beltrametti, University of Genoa (Italy), e-mail beltrame@economia.unige.it

Prof. Roger E.A. Farmer, University of California (UCLA), Los Angeles, e-mail rfarmer@econ.ucla.edu

Prof. Mario Morroni, University of Pisa, e-mail morroni@specon.unipi.it

Dr. Andew B. Trigg, Open University, e-mail a.b.trigg@open.ac.uk

### Other interests

Literature, Cycling, Computers.

Genoa, February 22nd, 2020

Marer James M